

Title (en)
MEDICATION INJECTION DEVICE.

Title (de)
VORRICHTUNG ZUR INJEKTION EINES MEDIKAMENTS.

Title (fr)
DISPOSITIF D'INJECTION DE MEDICAMENT.

Publication
EP 0655899 A1 19950607 (EN)

Application
EP 93920251 A 19930820

Priority
• US 9307855 W 19930820
• US 93401492 A 19920821

Abstract (en)
[origin: US5267963A] This invention relates to an automatic injection device which, upon activation by the user, automatically extends a syringe with needle, delivers medication through the needle, and retracts the needle, thus keeping the needle hidden from view.

IPC 1-7
A61F 5/00; **A61M 5/00**

IPC 8 full level
A61F 5/41 (2006.01); **A61M 5/20** (2006.01); **A61M 5/32** (2006.01)

CPC (source: EP KR US)
A61F 5/41 (2013.01 - EP KR US); **A61M 5/2033** (2013.01 - EP KR US); **A61M 5/326** (2013.01 - KR); **A61M 5/326** (2013.01 - EP US); **A61M 2005/206** (2013.01 - EP US); **A61M 2210/167** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT DE DK ES FR GB GR IT NL PT SE

DOCDB simple family (publication)
US 5267963 A 19931207; AU 5084393 A 19940315; AU 671861 B2 19960912; BR 9306926 A 19990112; CA 2142901 A1 19940303; CN 1083395 A 19940309; EC SP930974 A 19940412; EP 0655899 A1 19950607; EP 0655899 A4 19950913; JP H08502180 A 19960312; KR 950702845 A 19950823; MX 9300089 A 19940228; TW 235923 B 19941211; WO 9404103 A1 19940303; ZA 936084 B 19940314

DOCDB simple family (application)
US 93401492 A 19920821; AU 5084393 A 19930820; BR 9306926 A 19930820; CA 2142901 A 19930820; CN 93116451 A 19930821; EC SP930974 A 19930820; EP 93920251 A 19930820; JP 50655793 A 19930820; KR 19950700669 A 19950221; MX 9300089 A 19930108; TW 82106759 A 19930821; US 9307855 W 19930820; ZA 936084 A 19930819